

Amendments to Drawings

In response to the Examiner's comments in section 1 of the office action, Figures 3 and 4 have been amended to include reference signs and correct inconsistent reference signs, and replacement drawings sheet 2 is provided herewith. Basis for the amendments to the drawings can be found on pages 8 and 9 of the specification.

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Claim 1 has been amended to more clearly define the invention. Basis for the amendment can be found in the specification on page 4, paragraph 2 and in particular at lines 11-13. Independent claims 8, 12 and 16 have been amended to correspond with the newly amended claim 1. Typographical errors have also been corrected in claims 1, 2, 8, 10, 12, 15 and 16.

In section 5 of the Office Action the Examiner rejects independent claim 1 under 35 U.S.C. §102(b) as being anticipated by Ikada (US Patent No. 5,864,262). Ikada teaches "a surface acoustic wave device used as a band pass filter and having a circuit construction comprising a plurality of surface acoustic wave resonator filters connected in the form of a ladder" (Ikada, column 1, lines 6-10). Ikada does not teach "a radio frequency band reject filter" (this application, claim 1) but instead teaches a band pass filter as is shown clearly in Ikada, Figures 3a and 4a. Ikada also does not disclose that "the resonators are arranged such that there is substantially no acoustic resonance over a predetermined pass band" (this application, claim 1) and furthermore, as the device of Ikada is a band pass filter it inherently has a strong acoustic resonance in the pass band, (see Ikada, column 7, lines 44-45 and column 12, lines 41-42). The present invention as defined by the amended claim 1 is clearly distinct from the teachings of Ikada and it is respectfully submitted that the rejection cannot now be sustained.

In section 6 of the Office Action the Examiner rejects claim 1 under 35 U.S.C. §102(e) as being anticipated by Frank (US Patent No. 6,489,862). Frank teaches a "method for reducing noise generated in a power amplifier" (Frank, title). Frank teaches that "either a band reject or band pass filter that rejects the band will reduce the noise power" (Frank, column 2, lines 50-53) and a band reject filter is shown in Figure 7. However, Frank does not disclose, teach or even suggest that "the resonators are arranged such that there is substantially no acoustic resonance over a predetermined pass band" as defined by the amended claim 1 in this application.

The present invention as defined by the amended claim 1 is clearly distinct from the teaching of Frank and is it respectfully submitted that the rejection cannot now be sustained.

As Ikada does not teach a band reject filter a skilled person would not be motivated to combine the teaching of Ikada and Frank. Furthermore if a skilled man did combine the teaching of Ikada and Frank he would not arrive at the present invention, as neither Ikada nor Frank disclose that "the resonators are arranged to such that there is substantially no acoustic resonance over a predetermined pass band" (this application, claim 1) and in fact the teaching of Ikada is the opposite of this as the device of Ikada has a strong acoustic resonance within its pass band.

Consequently the present invention as defined by the amended claim 1 is clearly both novel and not obvious over the cited prior art.

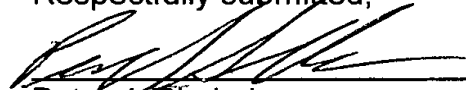
In sections 5 and 6 of the Office Action the Examiner also rejects independent claims 8, 12 and 16. As these claims have been amended in a corresponding manner to claim 1, the above arguments are also applicable.

Detailed arguments are not presented in respect of the dependent claims 2-7, 9-11, 13-15 and 17-19. As these are dependent on claims which are now deemed allowable, it is respectfully submitted that any rejections are moot in light of the foregoing.

In view of the fact that all of the Examiner's comments have been addressed, further and favorable consideration is respectfully requested.

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Respectfully submitted,

A handwritten signature in black ink, appearing to read "Peter J. Shakula", is written over a horizontal line.

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